



# South Carolina

## Weekly Weather and Crop Progress Report

Cooperating with Clemson University  
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**Issue:** SC-CW003110  
**Released:** July 26, 2010 , after 4 pm  
**Week Ending:** July 25, 2010  
**Cooperating Agencies:**  
Clemson University  
SC State Climatology Office  
Farm Service Agency



### GENERAL

Localized thundershowers brought precipitation to some areas of the state, but the South Carolina agricultural community continued to express a desperate need for more rain. Some farmers reported stressed crops and livestock due to persistent, intense heat. Above average temperatures removed much of the available soil moisture, thereby diminishing South Carolina's soil moisture levels which were reportedly 21% very short, 35% short, 39% adequate and 5% surplus. The days that were suitable for field work averaged 6.6 across the State.

### FIELD CROPS

Eighty-nine percent of **CORN** had doughed and 28% of the crop had matured, remaining ahead of historical figures. Several growers are concerned about low yields due to the dry, hot weather during the tasseling stage. Conditions were reported as 8% very poor, 16% poor, 39% fair, 35% good and 2% excellent. Ninety-three percent of the **COTTON** crop had squared and 37% had set bolls. Some cotton growers were scouting for larvae and stink bug pests while other growers applied controls. Cotton conditions improved and were reported as 7% poor, 30% fair, 54% good and 9% excellent. Ninety-two percent of **PEANUTS** had pegged. Peanuts conditions were reportedly 1% very poor, 7% poor, 22% fair, 65% good and 5% excellent. The entire **SOYBEAN** crop had emerged by week's end. Forty-three percent had bloomed and 17% had set pods, remaining well ahead of the five-year average. Soybean conditions diminished slightly. Ninety-seven percent of **TOBACCO** had been topped and 40% percent had been harvested. Tobacco conditions were reportedly 3% poor, 21% fair, 65% good and 11% excellent.

### OTHER ITEMS OF INTEREST

**LIVESTOCK** conditions were mostly unchanged. As **PASTURE** conditions declined, some cattlemen had begun feeding hay. Pastures were reportedly 6% very poor, 19% poor, 33% fair and 42% good. Ninety-eight percent of **TOMATOES** and 97% percent of **SNAPBEANS** had been harvested. **MELON** harvest continued to progress well. Sixty-three percent of **PEACHES** had been harvested. Some peach growers in rain deficient areas reported sizing issues.

### Crop Progress for Week Ending July 25, 2010

Crop and Stage	2010	2009	5-Yr Avg	Crop and Stage	2010	2009	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Cantaloup, Harvested	88	86	89	Snapbeans, Fresh, Harvested	97	100	99
Corn, Doughed	89	83	81	Soybeans, Emerged	100	100	100
Corn, Matured	28	24	18	Soybeans, Bloomed	43	28	36
Cotton, Squared	93	93	87	Soybeans, Pods Set	17	6	10
Cotton, Bolls Set	37	35	34	Tobacco, Topped	97	100	97
Hay, Other Hay, Harvested	88	85	75	Tobacco, Harvested	40	39	30
Peaches, Harvested	63	70	62	Tomatoes, Fresh, Harvested	98	97	97
Peanuts, Pegged	92	91	84	Watermelons, Harvested	92	90	86

### Condition for Week Ending July 25, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Corn	8	16	39	35	2	Peanuts	1	7	22	65	5
Cotton	0	7	30	54	9	Soybeans	3	15	36	43	3
Livestock	0	4	31	64	1	Tobacco	0	3	21	65	11
Pasture	6	19	33	42	0						

South Carolina Weekly Weather Summary for the Week Ending July 25, 2010

Daily high temperatures near 100 degrees were common over the Midlands and Upstate all week. Any relief from diurnal-driven thunderstorms was pretty much limited to Wednesday and for locations south and east of Columbia. Orangeburg received 1.07 inches during the Wednesday rain, nearby Bamberg 1.03 inches and Bishopville 0.72 inches. There were many storm reports of high winds that downed trees. McCormick recorded a Wednesday high temperature of 102 degrees. Building high pressure and drying heat was observed into Sunday afternoon. On Friday, Calhoun Falls, Clinton and Johnston each reported 103 degrees. Little Mountain was one of the lucky few to get in on a cooling shower Friday with 0.25 inches in the rain gage. Hunts Bridge, near Travelers Rest, reported 101 degrees on Saturday. A single thunderstorm over Lake Wylie brought a welcomed 0.42 inches of rain on Saturday. Subsiding air meant more locations reaching the century mark on Sunday. It was 101 degrees in York, Laurens, Newberry and the Columbia Metro Airport. Thunderstorm cells entered the eastern Piedmont Sunday evening along a southeastward moving boundary. The heaviest rainfall amounts were concentrated over the north Midlands. Parts of eastern Fairfield County near Longtown received over two inches of rain and the Sandhill Research Station measured 1.25 inches of rain. The state average temperature for the seven-day period was five degrees above normal.

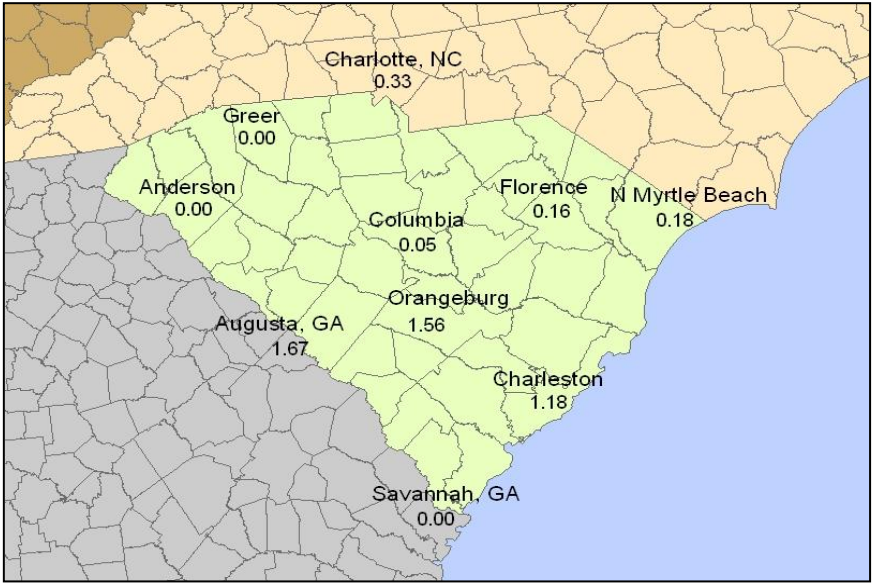
The highest official temperature reported was 105 degrees at the USC Campus in Columbia on July 25. The lowest official temperature reported was 69 degrees at Table Rock and Long Creek on July 21. The heaviest official 24-hour rainfall reported was 2.20 inches at Lake Marion ending at 7:00 a.m. on July 19. The state average rainfall for the period was 0.3 inches.

SOIL: 4-inch depth soil temperature: Columbia 85 degrees, Charleston 88 degrees.  
RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 81 degrees.

Precipitation

Location	Total for Week	Total for 2010	Deviation from Average
Greer	0.00	24.26	-5.5
Anderson	0.00	27.37	0.1
Columbia	0.05	19.61	-9.1
Orangeburg	1.56	24.75	-3.9
Charlotte, NC	0.33	22.83	-2.2
Augusta, GA	1.67	18.09	-8.6
Florence	0.16	27.45	1.8
N Myrtle Beach	0.18	18.84	-5.0
Charleston	1.18	34.66	6.2
Savannah, GA	0.00	24.92	-2.8

Weekly rainfall totals this period ending midnight Sunday.



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